



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Carol Day at 8:36 am, Jul 08, 2013

REPORT#7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 030450	PRINTER SN 95.1111.053	DATE OF INSPECTION 07-04-13
LOCATION OF INSTRUMENT (STREET AND CITY) 501 Paraon St. Joseph MO 64501		TIME OF INSPECTION 1518

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (1 O-C - 40-C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

☐ SIMULATOR SOLUTION

☒ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER Airgas LOT # AG300201 EXP. DATE 01-02-15

☐ SIMULATOR TEMPERATURE (34°C ± 0.2°C) SIMULATOR SN SIMULATOR EXP DATE

☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE

☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 w- .097

TEST 2 w- .096

TEST 3 w- .097

☒ RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS 0 (0-.04) 0 (.05-.09) 0 (.10-.14) 3 (.15-.19) 2 (OVER.19) 1

List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

Instrument calibrated to a .100% dry gas standard.

INSPECTING OFFICER

SIGNATURE 	PRINT NAME Wayne Byrom
TYPE 11 PERMIT NUMBER/EXPIRATION DATE 220103 005-09-14	TELEPHONE NUMBER 816-271-5359

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901

CERTIFICATE OF ANALYSIS

MANUFACTURER AND SUPPLIER: RepCo Marketing, Inc.

LOT NUMBER: 12001

EXPIRATION DATE: April 2, 2014 at 11:59 p.m.

RepCo Marketing, Inc. certifies the following:

RepCo Marketing, Inc. manufactured, tested and supplied Lot Number 12001 of Alcohol Certified Solution for simulators. Random samples of said lot number were analyzed by an independent laboratory utilizing a gas chromatograph and found to contain .1205 gms/dl +/- .003 gms/dl wt/vol ethanol (95% Confidence).

The alcohol and distilled water used in the solution were found to be free of any interfering substance.

This solution will produce a vapor alcohol value of .100 +/-3% gms/210L Breath when heated to 34 Degrees Celsius +/-0.2 Degrees Celsius in a simulator (95% Confidence).

The date of manufacture for this lot number is April 3, 2012.
The expiration date for this lot number is April 2, 2014
at 11:59 p.m.

This document is a true representation of the original Certificate of Analysis.



Cecil B. Garner, President
RepCo Marketing, Inc.

98 10 Serial no: 000450
Version no: 7410

TEST RECORD 05104

Temp Date Time 210L
s/
0015: RTI
12 07/04/13 15:26

Subject Name
Be RFL Test

Subject I.D.

Operator Name, I.D.
Byron

Location
Sol Farn

Per 220103
Exp 05-09-14

98 10 Serial no: 000450
Version no: 7410

TEST RECORD 05101

Temp Date Time 210L
s/
Air Blank:
07/04/13 15:18 .000
Calibration Check:
25 07/04/13 15:10 .097

Subject Name
Cal Check

Subject I.D.

Operator Name, I.D.
Byron

Location
Sol Farn

Per 220103
Exp 05-09-14

98 10 Serial no: 000450
Version no: 7410

TEST RECORD 05102

Temp Date Time 210L
s/
Air Blank:
07/04/13 15:21 .000
Calibration Check:
25 07/04/13 15:21 .096

Subject Name
Cal Check

Subject I.D.

Operator Name, I.D.
Byron

Location
Sol Farn

Per 220103
Exp 05-09-14

98 10 Serial no: 000450
Version no: 7410

TEST RECORD 05103

Temp Date Time 210L
s/
Air Blank:
07/04/13 15:24 .000
Calibration Check:
25 07/04/13 15:24 .097

Subject Name
Cal Check

Subject I.D.

Operator Name, I.D.
Byron

Location
Sol Farn

Per 220103
Exp 05-09-14

State of Missouri
DEPARTMENT OF HEALTH



P E R M I T
TYPE II



WAYNE BYROM

Is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

DATAMASTER;ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 05/09/2012

Number 220103

Expires 05/09/2014

MO 680-0771 (7-88)

Director of State Public Health Laboratory

Director, Department of Health

Lab. 4 (R7-88)